

## IN THE CLAIMS

Please cancel claims 7, 10, and 17-21.

Please amend the claims as follows.

- 1 1. (Currently Amended) A projectile comprising:  
2 a substantially rigid body portion that includes an axial cylindrical hole at a front  
3 of the body portion;  
4 at least one deployable member that is in a retracted position within the body  
5 portion when the projectile is fired; and  
6 a nose piece ~~coupled to a front of the body portion~~; having at least a portion within  
7 the axial cylindrical hole of the body portion, wherein the nose piece includes at least one  
8 shear member that comprises an annular ring portion of the nose piece that is larger in  
9 diameter than the axial cylindrical hole, wherein the at least one shear member is sheared  
10 off when the nose piece contacts a target, thereby causing the nose piece to move inside  
11 of the body portion, thereby moving the at least one deployable member to a deployed  
12 position.
- 1 2. (Original) The projectile of claim 1 wherein the body portion comprises bronze.
- 1 3. (Original) The projectile of claim 1 wherein the nose piece comprises plastic.
- 1 4. (Original) The projectile of claim 1 wherein the at least one deployable member  
2 comprises hardened steel.
- 1 5. (Original) The projectile of claim 1 wherein the at least one deployable member  
2 comprises a plurality of knife members, each knife member having a sharp edge that is  
3 outside of the body portion when in the deployed position.

1 6. (Currently Amended) The projectile of claim 1 wherein the nose piece is friction-fit  
2 into ~~[[an]]~~ the axial cylindrical hole in the body portion.

1 7. (Cancelled)

1 8. (Original) The projectile of claim 1 wherein the body portion comprises a portion of  
2 full diameter, and a portion of reduced diameter for receiving a sabot.

1 9. (Currently Amended) A projectile comprising:  
2 a substantially rigid body portion, the body portion including an axial cylindrical  
3 hole at a front of the body portion, the body portion further including first and second  
4 slots on opposite sides of the body portion that extend from the axial cylindrical hole  
5 through the body portion;  
6 a first deployable knife member that includes a first cutting edge that is in a  
7 retracted position inside the first slot when the projectile is fired;  
8 a second deployable knife member that includes a second cutting edge that is in a  
9 retracted position inside the second slot when the projectile is fired; [[and]]  
10 a nose piece friction-fit into the axial cylindrical hole at the front of the body  
11 portion, wherein the nose piece includes at least one shear member that is sheared off  
12 when the nose piece contacts a target, thereby causing the nose piece to move inside of  
13 the body portion, thereby moving the first deployable knife member in a deployed  
14 position with the first cutting edge extending outside the first slot, and thereby moving  
15 the second deployable knife member in a deployed position with the second cutting edge  
16 extending outside the second slot; and  
17 a cylindrical groove near the bottom of the axial cylindrical hole, wherein a first  
18 tab portion of the first deployable knife member extends into the cylindrical groove when  
19 the first deployable knife member is in the deployed position, and wherein a second tab  
20 portion of the second deployable knife member extends into the cylindrical groove when  
21 the second deployable knife member is in the deployed position.

1 10. (Cancelled)

1 11. (Original) The projectile of claim 9 wherein the first deployable knife member  
2 comprises a first raised member that has a height that makes a thickness of the first  
3 deployable knife member greater than a thickness of the first slot in the body portion,  
4 thereby retaining the first deployable knife member within the body portion until the nose  
5 piece forces the first raised member into the first slot when the first deployable knife  
6 member is moved into the deployed position when the projectile contacts the target.

1 12. (Original) The projectile of claim 11 wherein the first deployable knife member  
2 comprises a second raised member that has a height substantially greater than the first  
3 raised member, the second raised member holding a portion of the first deployable knife  
4 member inside the body portion when the first deployable knife member is in the  
5 deployed position outside of the first slot.

1 13. (Original) The projectile of claim 9 wherein the body portion comprises a portion of  
2 full diameter, and a portion of reduced diameter for receiving a sabot.

1 14. (Original) A projectile comprising:

2 a substantially rigid body portion, the body portion including an axial cylindrical  
3 hole at a front of the body portion, the axial cylindrical hole having a cylindrical groove  
4 near the bottom of the axial cylindrical hole, the body portion further including first and  
5 second slots on opposite sides of the body portion that are offset from each other by the  
6 width of one of the first and second slots;

7 a nose piece friction-fit into the axial cylindrical hole at the front of the body  
8 portion, wherein the nose piece includes at least one shear member that is sheared off  
9 when the nose piece contacts a target, thereby causing the nose piece to move inside of  
10 the body portion;

11 a first deployable knife member that includes a first cutting edge that is in a  
12 retracted position inside the first slot when the projectile is fired, wherein the first  
13 deployable knife member comprises a first raised member that has a height that makes a  
14 thickness of the first deployable knife member greater than a thickness of the first slot in  
15 the body portion, thereby retaining the first deployable knife member within the body  
16 portion until the projectile contacts a target, wherein the first deployable knife member  
17 comprises a second raised member that has a height substantially greater than the first  
18 raised member, the second raised member holding a portion of the first deployable knife  
19 member inside the body portion when the first deployable knife member is in the  
20 deployed position with the first cutting edge outside of the first slot, wherein a first tab  
21 portion of the first deployable knife member extends into the cylindrical groove when the  
22 first deployable knife member is in the deployed position, wherein movement of the nose  
23 piece inside the body portion causes the nose piece to push the first deployable knife  
24 member to the deployed position;

25 a second deployable knife member that includes a second cutting edge that is in a  
26 retracted position inside the second slot when the projectile is fired, wherein the second  
27 deployable knife member comprises a first raised member that has a height that makes a

(claim 14 continued)

28 thickness of the second deployable knife member greater than a thickness of the second  
29 slot in the body portion, thereby retaining the second deployable knife member within the  
30 body portion until the projectile contacts a target, wherein the second deployable knife  
31 member comprises a second raised member that has a height substantially greater than the  
32 first raised member, the second raised member holding a portion of the second deployable  
33 knife member inside the body portion when the second deployable knife member is in the  
34 deployed position with the second cutting edge outside of the second slot, wherein a  
35 second tab portion of the second deployable knife member extends into the cylindrical  
36 groove when the second deployable knife member is in the deployed position, wherein  
37 movement of the nose piece inside the body portion causes the nose piece to push the  
38 second deployable knife member to the deployed position.

1 15. (Original) The projectile of claim 14 wherein the axial cylindrical hole in the body  
2 portion includes a v-shaped bottom, and wherein the first and second deployable knife  
3 members each comprise a v-shaped portion that lies in the v-shaped bottom when the first  
4 and second deployable knife members are in their deployed positions.

1 16. (Original) The projectile of claim 14 wherein the body portion comprises a portion of  
2 full diameter, and a portion of reduced diameter for receiving a sabot.

1 17-21 (Cancelled)

1 22. (Currently Amended) A method for expanding the size of a projectile upon contact  
2 with a target, the method comprising the steps of:

3 (A) firing the projectile at the target, the projectile comprising:

4 a substantially rigid body portion that includes an axial cylindrical hole at  
5 a front of the body portion;

6 at least one deployable member that is in a retracted position within the  
7 body portion when the projectile is fired; and

8 a nose piece ~~coupled to a front of the body portion~~ having at least a portion  
9 within the axial cylindrical hole of the body portion, wherein the nose piece  
10 includes an annular ring portion that is larger in diameter than the axial cylindrical  
11 hole;

12 (B) upon contacting the target, the force of the impact of the projectile on the  
13 target shearing off ~~a portion~~ the annular ring portion of the nose piece to move the nose  
14 piece within the body portion, the movement of the nose piece within the body portion  
15 deploying the at least one deployable member to a deployed position.

1 23. (Original) The method of claim 22 wherein the deployment of the at least one  
2 deployable member causes the at least one deployable member to lock into place in the  
3 deployed position.

Please add the following new claims.

1    24. (New) The projectile of claim 14 wherein the at least one shear member comprises an  
2    annular ring portion of the nose piece that is larger in diameter than the axial cylindrical  
3    hole.

1    25. (New) A projectile comprising:

2            a substantially rigid body portion, the body portion including an axial cylindrical  
3    hole at a front of the body portion, the body portion further including first and second  
4    slots on opposite sides of the body portion that extend from the axial cylindrical hole  
5    through the body portion;

6            a first deployable knife member that includes a first cutting edge that is in a  
7    retracted position inside the first slot when the projectile is fired;

8            a second deployable knife member that includes a second cutting edge that is in a  
9    retracted position inside the second slot when the projectile is fired; and

10          a nose piece having at least a portion within the axial cylindrical hole of the body  
11    portion, wherein the nose piece includes an annular ring portion of the nose piece that is  
12    larger in diameter than the axial cylindrical hole, wherein the annular ring portion is  
13    sheared off when the nose piece contacts a target, thereby causing the nose piece to move  
14    inside of the body portion, thereby moving the first deployable knife member in a  
15    deployed position with the first cutting edge extending outside the first slot, and thereby  
16    moving the second deployable knife member in a deployed position with the second  
17    cutting edge extending outside the second slot.